

Title (en)  
PERCUSSION OR HAMMER DRILL

Title (de)  
SCHLAG- ODER HAMMERBOHRER

Title (fr)  
OUTIL DE PERCAGE PAR PERCUSSION OU PAR MARTELAGE

Publication  
**EP 1455978 B1 20051019 (DE)**

Application  
**EP 02793032 A 20021216**

Priority  
• EP 0214329 W 20021216  
• LU 90862 A 20011217

Abstract (en)  
[origin: WO03051565A1] A percussion or hammer drill comprises a drill plate (18, 18'), arranged in the head end (16) of a drill shaft (14), extending completely across the diameter of the drill shaft (14) and comprising an open front face (32). Wedge-shaped cutting edges and flanks (34, 34', 36, 36') form two main cutters (38, 38') on said front face (32), whereby a plane running through the drill axis (21) forms a mid-plane (40) of both main cutters (38, 38'). The main cutters (38, 38') form a tip angle (46) in the range of 140 DEG to 180 DEG and are separated by a central point (48, 48').

IPC 1-7  
**B23B 51/00**

IPC 8 full level  
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